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CLASSIFICATION SECRET/CONTROL U.S. OFFICIALS ON

COUNTRY LAISE PORCENTRAL UNTELLIGENCE AGENCY

CO CREPORT

INFORMATION REPORT

CD NO

616990

COUNTRY DATE DISTR. East Germany 12 April 1954 SUBJECT Excerpts from the 1953 Research and Development NO. OF PAGES 1 Plan for the Sulphuric Acid and Caustic Soda Plant, PLACE NO. OF ENCLS. **ACQUIRED** DATE OF 25X1 SUPPLEMENT TO INFO. REPORT NO.

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THIS IS UNEVALUATED INFORMATION

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- 1. Research at Schwefelsaeure und Astanatronwerk, VEB (Sulphuric Acid and Caustic Works), Nuenchritz ueber Riess. Meissnerstrasse 59, was directed by Dr. (fnu) Kelser. This research was under the jurisdiction of and coordinated with the VVB der anorganische-chemischen Industrie and the Staatssekretariat fuer Chemie, Steine, und Erden.
- 2. Among the research and development tasks assigned to this organization for 1953 were investigations of magnesium sulphate reasting techniques, obtaining of sulphur by replacement in alkali-earth sulphates and the production of magnesium exides suitable for ceramics and refractories.
- 3. One project concerned the production of nitrogen exides from air. This included the examination of known suggested methods and the development of a suitable method for the manufacture of nitric exide by thermal means; performance of work on a pilot scale; description of method and development of the bases for a semi-technical installation. The methods involving the pre-heating of the gasecus mixture, utilizing moderate pressures to reduce the volumes of the heated gases, and the freezing of the resulting nitrogen-oxygen/nitric exide equilibrium mixture through quenching on pre-cooled solid surfaces (Kelting, Wisconsin and other methods) were included. The appropriation for this work was 75,000 IME out of a total of 262,000 DME assigned to this organization for projects under the "methods investigation" category.

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